

**Tomato Variety Trial** St Joseph MO 2009

Variety:	Cartons/ Acre	Lb/ Plant	Lb/ Fruit	Vine Size	Fruit Size-Oz	Disease Resistance/Tolerance	Comments
Mt. Fresh Plus	2614	16.8	0.31	Lg,V	10-12	V,F12,Gls,N	
BHN 589	2516	16.1	0.29	Lg	8-10	V,F12,Gls,ToMV	Good flavor
Red Defender	2377	15.2	0.29	M-Lg	10-12	V,F12,Gls,Tswv	Good flavor
BHN 602	2328	14.9	0.33	Med	10-12	V,F123,Tmv,Gls,N	
Redline	2213	14.2	0.34	Med-Lg,V	10-12	V,F123,Tswv	Good foliage cover
BHN 871	2199	14.1	0.28	Med	12-14	V,F12	Yellow fruit
Crista	2066	13.2	0.36	Lg	10-12	V,F12,N,Tswv,Asc,Gls,N	
Scarlet Red	2045	13.1	0.31	Lg,V	10-12	V,F12,Asc,Gls	Good flavor, red interior
Congestoga	2025	13.0	0.30	Lg	12-14	V,F1,TMV,ToMV	French <i>marmande</i> type
Amelia	1990	12.8	0.33	Lg	12-14	V,F12,Gls,Tswv,N	
BHN 876	1939	12.4	0.29	Med	10-12	V,F12	Orange, high 'beta carotene'
Flordia 47	1782	11.4	0.33	Lg	10-12	V,F12,GLS	
Fletcher	1568	10.1	0.31	C-Med	10-12	V,F123,N,Tswv	Good yields and quality
SecuriTY 28	1561	10.0	0.32	Med	10-12	V,F12,Gls,Tswv,Tylc	Good flavor
Bobcat	1467	9.4	0.36	Med	10-12	V,F12,GLS	
Polbig	1390	8.9	0.25	C-Med	8-10	V,F1	Very early, meaty
Mt. Glory	1390	8.9	0.27	C-Med	10-12	V,F12,Gls,Tswv	Good flavor
Mt. Spring	976	6.3	0.24	C-Med	8-10	V,F12	Crack resistant
Tasti Lee	NT	NT	NT	Med	7-8		High lycopene
Torbay	NT	NT	NT	Med	10-12	V,F12	Watermelon' pink color

NT= Not tested in 2009

Vine= C-compact, Med-medium, Lg-large, V-vigorous

**Disease resistance abbreviations ( )=alternative abbreviations sometimes used**

**Fol (F1,F2,F3)** : Fusarium wilt caused by races of Fusarium oxysporum f.sp. lycopersici- 3 common races

**For**:Fusarium crown & root rot caused by Fusarium oxysporum f.sp. radicis-lycopersici

**M(N)** Root knot caused by Meloidogyne arenaria, M. incognita, M. javanica nematodes"

**Pst(P)**: Bacterial speck caused by Pseudomonas syringae pv. tomato

**Ss (Gls or GLS)**: Gray leaf spot caused by Stemphylium solani

**ToMV**: Tomato mosaic caused by Tomato mosaic tobamovirus

**TMV (T)**: Tobacco mosaic caused by Tobacco mosaic tobamovirus

**TSWV (SW)**: Tomato spotted wilt caused by Tomato spotted wilt tospovirus

**V**: Verticillium wilt caused by the specified race of Verticillium albo-atrum,V. dahliae"

**Xcv**: Bacterial spot caused by Xanthomonas campestris pv. Vesicatoria

**NOTE:**

GPVG presentation and handouts will be available a few weeks after the conference at [www.extension.missouri.edu/buchanan](http://www.extension.missouri.edu/buchanan)